

SL-II NC773/2

Time: 13:39 CDT, 16:18:39 GMT

6/9/73

PAO This is Skylab Control. The primary coolant loop operating now with a single pump, and the temperature control valve is maintaining a flow with the temperature at 47.0 degrees, which is right on nominal. Also beginning to see a gradual increase in temperature - -

CC Before we go over the hill here at Vanguard I want to say once more I guess for the CDR; we are in solar inertial mode now. So when he goes to do his ATM pass he will want to select experiment pointing prior to sunrise to get everything to turn on like it's supposed to normally. And also we have turned the primary loop off again with that one pump, and it was looking good with the one pump.

CC Okay, Skylab. We're about 1 minute until LOS, and we'll see you again over Hawaii at 19:49. 19:49 - you got a nice long silence.

SC Yeah.

PAO This is Skylab Control. We've loss contact now through Vanguard, and we'll be reacquiring in about an hour through the tracking station at Hawaii. Again during that Vanguard pass, we completed - took another step in the test that was begun during the stateside pass earlier on this revolution or actually toward the end of the previous revolution. That sequence again over Goldstone - we sent a command to the space craft that commanded both pumps on the primary coolant loop ON. The hope was that with both pumps in a higher pressure, the temperature control valve, which was apparently stuck in the cold position, would free, would swing over and begin diverting warm water into the loop or warm coolant into the loop and bring the temperature up to the desired operating level. This primary loop, of course, had been shut down because of the malfunction and the fact that it was operating below desired limits. With the higher - higher pressure, and both pumps on line, EGIL, the environmental systems engineer, reported that the valve began functioning properly. And when the test was first begun with a single pump on line the valve was not controlling, but as soon as the second pump was brought on, it appeared to begin controlling normally and maintaining the flow in such a way that the temperature of the coolant in the loop was maintained at 47 degrees. At the next station, Vanguard, which we've just left, the test was repeated, this time using only a single pump, which is the normal configuration for the primary coolant loop. And with the single pump the valve was again controlling properly to all appearances from the data that we had during that pass. And at the end of the Vanguard pass, the primary system was again shut down. We're continuing to operate on the secondary loop. One point of interest also -

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Flight Director Milt Windler asked EGIL if he was noticing any increase in temperature on the secondary loop as the primary loop began to control temperature properly, and in fact there was a small increase in temperature in the secondary loop, which has also been running below the desired temperature. The secondary loop had been running around 40 to 42 degrees. At the time the test was begun, it was around 40 degrees, and we saw the temperature come up to something in excess of 41. This, of course is within the range that we had been seeing but it did show an increase as the primary system began functioning as it should. And we suspect that it would be difficult at this point to draw any conclusions about the secondary loop as to whether or not continued operation of the primary loop at the proper temperature will in fact bring the secondary loop up. But that was certainly a preliminary indication. At 6 - or rather 18 hours 53 minutes Greenwich mean time, this is Skylab Control.

END OF TAPE

SL-11 MC774/1

Time: 14:47 CDT, 16:19:47 GMT
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PAO This is Skylab Control, Houston; 19 hours 47 minutes Greenwich mean time. Space station is about a minute and a half away from acquisition at the Hawaii tracking site, on this it's 377th revolution. We'll stand by for the radio communication between Skylab and the ground.

CC Standing by for the next 7 minutes.

SC Roger, Houston.

SC Houston, CDR.

CC Go ahead, CDR.

SC Got a question this morning on the valve position in the command module on the suit loop and I verified that all those valves are positioned the way they were supposed to be and that's the answer to the question. They were all the way they were supposed to be and I couldn't find anything open so I don't know where they got their 2/10ths psi gain. You'll have to think about it.

CC Okay, Pete. We copy.

CC CDR, Houston. Do you have time to listen to a news note on a subflare?

SC Yeah, go ahead.

CC Right, inactive region, 11. We had a CT flare. It was subflare optically, began at 18:11 Zulu and ended at 18:30 Zulu. It was accompanied by a radial burst at 6 centimeters with 12 flux units. This is basic information. If we have another one like that or a little bit stronger it's just could trigger your flare alarm.

SC Rog, Houston.

CC Skylab, Houston. We have 20 seconds to LOS. We'll see you over Hawaii at 19:48. In the meantime we'd like to have TACS to inhibit, please.

SC That's done.

CC Roger.

PAO Very little comm from the air on this pass over Hawaii. The commander was at the Apollo telescope mount station doing a little Sun watching and according to the flight plan the science pilot and the pilot were just about finishing up their meals and eat cycle which they had. At 19 hours 56 minutes Greenwich mean time, this is Skylab Control.

END OF TAPE

SL-11 MC-773/1

Time: 15:15 CDT, 16:20:15 GMT

6/8/73

PAO This is Skylab Control, Houston, at 20 hours 15 minutes Greenwich mean time. The space station is approaching the Vanguard Tracking Ship, nearing the end of the 377th revolution. We'll be in contact in about a minute for approximately 9-1/2 minutes of air-to-ground. Meanwhile on the ground, the flight controllers in final preparation for tomorrow's Flight Plan, making ready to ship it up to the crew this evening for another day of Skylabing. We'll stand by for air-to-ground.

CC Skylab, this is Houston standing by for 9 minutes over Vanguard.

CC Skylab, Houston is with you for 9 minutes over Vanguard.

SPT We're here, Houston.

CC Pete, this is Houston. We've got a comment on the update of the general message status, if you have a minute to listen.

SC (Garble).

CC Say again, Skylab.

CDR Say it, Houston.

CC Pete, we've been going through the general messages, seeing which are still valid down here and if it's okay with you, we'd like to send up a list of the valid ones. And let you tell us which ones you need a fresh copy of.

CDR I was afraid you were going to say that. Okay. Go ahead.

CC They'll be up very shortly, probably with the evening questions or a little bit before.

CDR Okay. We're going to have to work out for later flights, some better way of doing this, because the trouble is we spread the messages far into many categories. First for the individual guys and then for a certain piece of equipment and I'm not sure we've handled them quite right. And we'll talk about it up here in just a second, (garble) for the follow on. Go ahead and send your valid ones and we'll see what we can chase down.

CC Okay, Pete.

END OF TAPE

SL-11 MC776/1

Time: 15:21 CDT, 16:20:21 GMT

6/9/73

CDR Hey, Houston, CDR.
CC Go ahead, CDR.
CDR Give us a reading on when we can tally
this LCG and LSU status and put them away.
CC Negative, Pete. We'll think about that
a little bit later.
SC I didn't say can we. I said would you give
us a time estimate as to when you think we're going to do it.
CC The answer we have is, in the next day
or two.
CDR You guys work slower than we did.
CC Pete, the message we get is we'd like to
get more confidence in the primary loop and then we'll start
working on the secondary loop.
CDR Okay.
CC Skylab, Houston. We have LOS in 1 minute.
We'll see you over Hawaii at 21:23. We will be dumping
recorders over Hawaii.
CDR Roger. Roger.
PAO The Skylab space station has moved beyond
range of the Vanguard tracking station tracking ship. We
would expect to receive data again over the Hawaii tracking
site in about 56 minutes, or at 21:23 Greenwich mean time.
At 20 hours 27 minutes GMT, this is Skylab Control.

END OF TAPE

SL 11 MC-777/1

Time: 16:21 CDT, 16:21:21 GMT
6/9/73

PAO This is Skylab Control at 21 hours 21 minutes Greenwich mean time. The warbler just announced the fact that we'll be in contact with the Skylab space station through the Hawaii tracking site in about a minute and a half. At that time we will have about 10 minutes of potential air-to-ground. At this time the Commander, according to the flight plan - the Commander is at the Apollo telescope mount station viewing the Sun, and the other two crewmen are undertaking the M131 human vestibular function experiment. We'll stand by for conversation from the spacecraft.

CC Skylab, this is Houston standing by for nine minutes over Hawaii. We will be dumping recorders.

CDR Roger, Houston.

MCC Hawaii contact Houston contact Neil 1 for voice check.

HAWAII This is Hawaii contact. Read you loud and clear.

MCC Same here.

CC Skylab, this is Houston. We have one minute to LOS. See you over Vanguard at 55.

CDR Roger, Houston.

PAO At 21 hours 34 minutes Greenwich mean time with the Skylab space station having moved beyond the Hawaiian tracking site, this is Skylab Control.

END OF TAPE

SL-11 MC-778/1

Time: 16:53 CDT 16:21:53 GMT
6/9/73

PAO This is Skylab Control, Houston. At 21 hours 53 minutes Greenwich mean time, the space station is nearing the end of the 378th revolution around Earth approaching the tracking ship Vanguard for a pass across the southern tip of South America. We should be in acquisition through Vanguard in about a minute and 20 seconds. And the predicted time which we will have the signal through that tracking station is approximately 8 minutes. We'll stand by for any radio transmission that comes down from the spacecraft through the Vanguard.

CC Skylab, Houston. Standing by over Vanguard for the next 7 minutes.

CDR Roger, Houston.

CDR Hey, Houston, how about taking care of this BAT charge light again for us.

CC Roger, Pete, stand by.

CC Pete, this is Houston. So far as the CBRMs are concerned, we thought we had them fixed up this morning the way they should be, and you shouldn't be seeing any lights. If you see a light, could you please tell us specifically which one.

CDR The back BAT charge light.

CC Pete, this is Houston. We assume that that's the BAT charge light on CDRM 3 and if so we fixed it as well as we can at the moment.

CDR Okay.

CDR Just put it out.

CC Skylab, we have LOS in about 50 seconds. And we'll see you again over Vanguard at 23:33.

CDR 23:33.

PAO The Skylab space station has moved beyond the range of the Vanguard tracking ship, and will be out of communication with the ground now for 1 hour and a half. We'll be back in communication again on the next rev with the Vanguard tracking site. A couple of reminders. We are planning a change of shift briefing with Milton Windler, the off going Flight Director at 6:30 p.m. central daylight time in the News Center Briefing Room. We also have available to the press in the News Center an ATM status report, a summary some 4 pages in length of the ATM status through mission day 13. The summary reads in part as of the close of mission day 13, ATM had taken data off 33 full and 5 partial manned orbits, for a total of about 32 hours of solar viewing time. Very significant observations have been made, and a high degree of experiment performance assures great productivity from the ATM. There is further detailed information on the status of the individual ATM experiments

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And as I said, that detailed information is available to the news media who so desire a copy. At 22 hours 6 minutes Greenwich mean time, this is Skylab Control.

END OF TAPE

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Time: 18:16 CDT 16:23:16 GMT

6/9/73

PAO This is Skylab Control at 23 hours
16 minutes Greenwich mean time, with a reminder that at
5:30 p. m. central daylight time, in the News Center brief-
ing room, we will have a change of shift briefing, with
Milton Windler, the off-going flight director. At 23 hours
16 minutes 33 seconds Greenwich mean time, this is Skylab
Control.

END OF TAPE

SL-II MC-780/1

Time: 18:31 CDT, 16:23:31 GMT

6/9/73

PAO This is Skylab Control, Houston 23 hours 31 minutes Greenwich mean time and we're about a minute away from acquisition of the Skylab space station by the Vanguard tracking site. We're been out of touch for about an hour and a half. During that time the crew did a few personal hygiene tasks and at this particular moment is, according to the flight plan, in their pre-sleep activities. We'll stand by for any radio communication we have with Skylab through Vanguard.

CC Skylab, Houston AOS 10 minutes.

PLT Hello, Houston. Where are we?

CC Oh, you're coming up on Vanguard.

PLT Ah ha.

CC And be advised we'll be dumping the tape recorder over Ascension. And I have a message - go Skylab?

PLT Go ahead.

CC I have a message here for all three crew members when they're available.

PLT Go ahead, Houston.

CC Congratulations to Conrad, Kerwin, and Weitz. There are no embassies in space, but you are our best ambassadors. Signed: Kenneth Rush, Acting Secretary of State.

CDR Thank you.

CDR We've got the night shift now, huh, Bill?

CC Yeah, we did a flip-flop here for awhile.

We change off every now and then.

CC Hear you people did all kinds of good things.

SPT Yeah, we even recalibrated the SMMD today and Commander Weitz had the honor.

CC Very good.

SPT And nothing worked when somebody's riding the bicycle.

CC Hey, that was - I watched you on TV that was beautiful shots outside there.

SPT Of the EVA?

CC That's right. Couldn't stay away.

SPT Oh, I didn't know you got anything good from the TV. That's nice.

CC Yeah, there was some real beauties.

CC You were flailing your feet around a bit, Joe.

SPT That was my big problem.

SPT Weitz was afraid I'd destroy the MDA before we got the SAS up.

CC (Laughter)

CC Now that we've passed on all the good words from Washington - a couple of words from Houston. How would you feel about changing out the dessicants on the S190 package

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tonight?

CC

CDR

CC

CDR

That's just to please - -

Yeah, we can do that.

Okay, thank you much.

Say, Bill - -

END OF TAPE

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CDR Say Bill, I asked them a little while ago if we passed through zero beta angle what was going to happen as it started going up. And they said well, the vehicle is going to start getting colder. Well, the vehicle is starting to get hotter. The workshop is back up to about 75, and I wondered if they had any words of explanation. Is it our additional power output heating the vehicle?

CC Pete, I'll pass that on, and if nothing else it will be a good data point.

CDR Okay.

CDR I'll do it.

CC Skylab Houston, LOS in 1 minute. And the ground feels that changing out this (garble) in the S190 will clear up all the moisture by morning without any other action being required.

SPT Roger.

CC We'll see you at Ascension at 23:46.

SPT Roger.

PAO We have had loss of signal with the Vanguard tracking ship. We'll take the line down now for the expected change of shift briefing. We will acquire in a couple of minutes at Ascension, but we will record that and play that - play back that information to you later. At 23 hours 44 minutes GMT, this is Skylab Control.

END OF TAPZ

SL-II MC-782/1

Time: 18:57 CDT, 16:23:57 GMT

6/9/73

PAO This is Skylab Control 23 hours 58 minutes Greenwich mean time. During the Change-of-shift briefing we had a pass over the Ascension Island tracking station. There was about a half a minute of com with the crew. We'll bring that up for the edification of those press.

SPT Hello, Houston. We're eating dinner.

CC We copy.

SPT What's the news for the evening?

CC Yeah, we're supposed to get the latest in by about eight o'clock this evening. We'll get it on up to you.

SPT Super.

CC Skylab, we're going LOS in one minute.

Glam AOS at 00:30.

PLT Roger, Bill.

PAO At 23 hours 59 minutes 50 seconds Greenwich mean time this is Skylab Control.

END OF TAPE

SL-II MC-783/1

Time: 19:29 CDT, 17:00:29 GMT

6/9/73

PAO This is Skylab Control, Houston at 29 minutes Greenwich mean time in the 161st day of the year. We're roughly a minute and a half away from acquisition at the Guam tracking site on this the 380th revolution of the Skylab space station. When we acquire at the Guam tracking site we expect to have about 9-1/2 minutes of time where we will be in communication with the crew. We'll stand by for radio communication with the Skylab crew.

CC Skylab, Houston, AOS 10 minutes Guam.

CDR Howdy, Houston.

CC Skylab, we're going to sleep configuration on the Y-gyros, Y-1,2 active with Y-3 as backup.

PLT Roger.

CDR Okay.

CC CDR, Houston.

CDR Go ahead.

CC Answer to your questions about the temperature decrease. The consensus here is that this increase is coming from the power up of the equipment which they estimate will amount to about 4 degrees. Since you started off at 75 you should end up at 79, possibly 80 degrees, and there may be a little effects from Earth albedo, but that's still being kicked around.

CDR Okay, can I give you the evening status reports?

CC Yeah go ahead. We're standing by.

CDR Okay, the CDR ate everything plus two butter cookies.

END OF TAPE

DELTA-II H2-784/1

Time: 19:36 CDT 17:00:36 GMT
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CDR And the CDR ate everything plus 2 butter
cookie - 2 cans of butter cookies..

CC That's 2 cans, Pete, or 2 cookies?

CDR Two cans.

CC You getting hungry?

CDR Plus the CDR had 10 optional salt.

CC Copy.

CDR And the SP1 ate everything with no salt.

The PLT ate everything except item 65 corn, item 75 bread,
and item 62 coffee with sugar, out of the meal, dinner meal
and snack. He had a DELTA H20 of plus 1 and 2 optional salt.

CC Copy.

CDR Okay, the film status day 166, 16 millimeter,
it's a long one. M151/S190B prep C Charlie India 06, 65,
Charlie India 03; EREP was PH 02 85; M092/M171 M151 C107,
35, C104. Delay that last one, that was yesterday's.

CC Copy.

CDR Okay M487-4 Easy CI Charlie India 05.
52, Charlie India 01; M516 housekeeping 60 Echo, Charlie
India 05, 55, Charlie India 01; M516 housekeeping 60 Echo,
Charlie India 06, 62, Charlie India 03; M131 Charlie India 07,
the roll was empty, Charlie India 04; 35 millimeter Charlie
India 34, 60. We changed that out. Charlie India 35, 50;
Charlie India 26, 42; 70 millimeter CX06 87, the ETC was
265, the EREP S190 set Oboe 1 was 6817, 2 was 6153, 3 was
7028, 4 was 7024, 5 was 0565, 6 was 7984. The drawer con-
figuration is A1 X-PORTER 02, Charlie India 05, 62, Charlie
India 01; A2 is X-PORTER 03, Charlie India 06, 62, Charlie
India 03; A3 is 06, Charlie India 07, 0 percent, Charlie
India 04; A4 is 05, Charlie India 25, 100 percent, MT11.
Over.

CC We copy Pete. We'll be LOS in 40 seconds.
We'll have you at Vanguard at 01:10.

CDR Okay, there were no changes in the flight
plan. The flight plan was executed as written.

CC We copy.

PAO Skylab has moved out of range of the
Guam tracking station. We'll have acquisition again in
about 30 minutes at Vanguard. Tomorrow June 10th, mission
day 17, key activities will be - will include Earth resources
pass identified as pass number 7. Like today's pass, it will
start over the Pacific northwest continue over the Rockies,
Minnesota, Kentucky, Georgia, out over the Atlantic and
cross Brazil - a long pass approximately 6000 plus nautical
miles. As the spacecraft moves over the US there are a total of
36 sites which will be active on this pass tomorrow. And
the basic information which will be sought out of the pass,

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experimental information, will be agriculture and range land experiments. In addition we will run a series of medical experiments including the familiar M092, lower body negative pressure, and the M171 metabolic activity. In the case of the M171, M092, Science Pilot Dr Joseph Kerwin is the subject and the observer will be the Pilot Paul Weitz. Metabolic activity experiment provides us an evaluation of man's metabolic effectiveness as he works in the space environment. This of course is the familiar experiment using the ergometer or the stationary bicycle. Tomorrow will also be devoted to additional Apollo Telescope Mount experiments. Passes over the Earth with the astronauts viewing the Sun. At 43 minutes Greenwich mean time, this is Skylab Control.

END OF TAPE

SL-11 MC-783/1

Time: 20:08 CDT, 17:01:08 GMT

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PAO This is Skylab Control, Houston, at one hour eight minutes Greenwich mean time. The space station is approaching the Vanguard tracking site again near the end of the 380th revolution. On this pass coming up we'll cross Vanguard and be in comm for about 11 minutes. Have a short period of lack of communication, be back in control - or back in comm at Ascension, the Canaries, and Madrid. We'll stand by for what we hope will be some air-to-ground.

CC Skylab, Houston, AOS 10 minutes at Vanguard.
PLT Roger, Houston. We're busy here at our experimental space laboratory. The darts didn't work worth a darn but the paper airplanes are rather promising.

CC Hey, how's the slinky?
CC And if it won't interfere with your dart game, I'll give you some of the hottest news items today.

PLT Stand by 1, Bill

CC Okay.

PLT Okay, go ahead.

CC Okay, on the diplomatic front, Nixon and Breznev are going to have a Summit meeting, June 18th to June 26th, at Camp David and San Clementi. Henry Kissinger's on his way back to Washington without concluding an agreement to stop violation on the Viet Nam cease-fire. And West Germany's Willie Brandt went fishing on the Sea of Galilee today during his visit to Israel. Brandt caught one 7-inch carp. On the sports front, Secretariat literally ran off with the race today. He was the first horse in 25 years to win all three. He was 31 lengths ahead of four other horses, also set a new record for time. Did the mile and a half in two minutes and 24 seconds.

SPT Fantastic.
CC And there's some trades in the pro-football quarter-back ranks. Johnny Unitas has gone with San Diego Chargers, Roman Gabriel has gone to the Philadelphia Eagles, and near home, Buddy Baker won the pole position at Brian Speedway, qualifying speed was 169-1/4 miles an hour. Here's one that should set a goal for you astronomers there. A graduate student at the California Institute of Technology sighted a previously unknown comet. His name was John Hooker, and it's been named for him. There's one for you to shoot for.

SPT Well, we haven't discovered any comets, but, we have made the observation that the Sun is indeed the color of dirty beach sand.

CC All right, we will obviously call that the Kerwin effect.

CC And, Houston, it looks like is running about number four now, they did win on Friday for Pittsburg three,

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Chicago Cubs won five over Cleveland two and Joe might be interested in that the Cubs are looking up quite a bit the last day or two.

SPT

It's going to be Rigly Fields - -

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CC - - 5 over Cleveland 2. And Joe might be interested in that the Cubs are looking up quite a bit the last day or 2.

SPT It's going to be Rigley Field and Cominsky Park this year.

CC Copy. And it was a pretty nice summer day in Houston today. Some lines of small thunder bumpers cleaned things out and it's warming up.

SPT Glad to hear it, thanks a lot.

CC Is PJ any better on that dart board at zero g than he is at one g?

PLI No, the problems with the darts at zero g, the air pressure is so low here that they're unstable.

CC I forget what his excuse was under one g.

CC Pete, you may have started a new mode of contemplation here once they see that TV shot of you in the lower body negative pressure with that folding of the arms you do there.

SPT Wait until they see the picture of me I had taken for Rusty with my head in my water dish contemplating.

SPT Hey, during the flare alarm go off a minute ago on the dark side, reminded me to ask you guys a question about leaving that flare alarm enabled when we're not at the console. Now that we have some active regions on the disc we'd like very much to leave it enabled. The problem is that we go through the either the south Atlantic anomaly or one of the Hurns almost every pass. And right now we don't know what those times are unless they occur when someone is at the console and we have a pad for it. I wonder if it might be advisable to have you send us up every day a pad containing the south Atlantic anomaly times in GMT so that we can then leave (garble) enabled then if it went off we could immediately check the pad and know whether to respond or not.

CC We copy that Joe. We'll do that as a matter of fact, Joe.

SPT Okay, thank you.

CC Bruce McCandless was wondering how the flash was working (garble).

CDR What did you say Bill? We were vaking at each other on the intercom.

CC Yeah, you've reported taking a number of pictures inside and Bruce was curious as to how the flash was working.

CDR Very well indeed Bruce. No problems at all with it.

CC Skylab, we're going LOS in 1 minute.

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Ascension at 127 and at Canary we'll have the usual conference at 131.

CDR Roger Houston, and thank you for the news. Also tell Bruce he did a good job that all that (garble) stuff is working real well.

CC Copy.

END OF TAPE

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Time: 20:22 CDT, 17:01:22 GMT
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CC
17 minutes.

Skylab, Houston, AOS for approximately

CDR Roger, Houston.
CC And we're loading the Y-3 scale factor into
the computer now. We're also going to do a small memory dump.

CDR Okay, Houston, CDR. Be advised I'm in the
process of changing out the (garble) right now and it'll be done
in about 10 minutes.

CC We copy.
CDR And also command module systems housekeeping
(garble) been completed.

CC We copy also, Pete.

END OF TAPE

SL-11 MC-788/1

Time: 20:30 CDT, 17:01:30 GMT
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CC

PLT, Houston.

PLT

Go ahead.

CC

ATM has just seen a massive surge at coordinates 290/1.0. It's designated at T-79. They want you to finish your synoptic observation as scheduled. However, after you have completed the synoptics they want you to look at this area in the white-light coronagraph and if in your judgement it warrants it, they would like for you to do building block 16. This is in JOP 8.

PLT

that. Thank you.

Okay, we're familiar with 16 and we'll do

CC

Okay, that's section three.

PLT

Roger.

CC

Step three, that is.

CDR

Houston, CDR.

CC

Go CDR.

CDR

I've been changing these dessicants and I'll tell you - it might be my eyes or the flashlight but I'm high strapped to see much difference between what I'm putting in except for one and I have one that's really super-blue, but the other five that I've taken out of the case and opened up fresh are not too blue. Now, I've changed them out and I really wasn't aware of that so I got to the super-duper blue one which happened to be (garble) usually is one. So I think what I really ought to do is go ahead with this the way it is, but I'll take six of these old ones down and stick them in one of the ovens along with the suit desiccants that were dry and see if I can't cook me up six really good dry ones.

CC

Okay, we copy that, Pete.

CC

the dry ones.

And everybody concurs with that Pete. Trying

CC

We're due in LOS, we'll see you again at Guam at 02:08 and they'll be dumping the tape recorder then.

PAO

We've had loss of signal through the Madrid station. At one hour 43 minutes Greenwich mean time, this is Skylab Control.

END OF TAPE

SL-II MC-789/1

Time: 21:07 CDT 17:02:07 GMT

6/9/73

PAO This is Skylab Control, Houston. At 2 hours 7 minutes Greenwich mean time, the space station is about a minute away from acquisition at the Guam tracking site, on revolution 381. We'll have some information to pass up to the crew, so we'll stand by for the air to ground.

CC Skylab, Houston. AOS, Guam for 7 minutes.

PLT Roger, Houston.

CC PLT, Houston.

PLT Yeah.

CC We've got the Packs loaded checked and I ran into - loaded it into the computer if your not on the DAS, for about a minute.

PLT Okay, go ahead.

CC Wilco. Also on, if you should go to Building Block 16 the coronal transient guidelines that were uplinked today are appropriate.

PLT Okay, understand. I intend to run Building Block 16 when I get in before sunset.

PLT It's a very narrow well defined streamer that extends off the unarmad fieldof view on the coronagraph.

CC Copy.

CDR Say, Bill, are you still there?

CC Still here, Pete, go ahead.

CDR I've gone through the whole pile of dessicants, there is only 2 good ones. I put them in the camera And I bet I got some dessicants for the suit, the last suit is drying in the oven right now and as soon as that's frre tomorrow I'll cook some (garble) and put them in.

CC We copy and thank you, Pete.

CDR How about giving us a - you guys got any ideas about how long they need to be cooked?

CC I'll check it.

CDR Thank you.

CC It's going to take a minute to get an answer on that one, Pete.

CDR All right.

END OF TAPE

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CC It's going to take a minute to get an (garble)
on that one Pete.

CDR All right.

CC Skylab, Houston, AOS for three minutes.

CC CDR, Houston.

CDR Yec, go ahead, Bill.

CC On the desiccants. They can be left in for
24 to 72 hours and we'll send you up a note on a pad to tell
you when to take them out. We understand that you've already
placed them in the oven now.

CDR No, that's not correct. I have two desiccants
in that oven - in the two ovens right now. We have one suit
drying still and they'll be out tomorrow.

CC We copy that and in that case the - you can
stow the desiccants in the 190-A stowage it's felt to be the
best spot.

CDR Yeah I got your easy questions here and
we'll put them on B channel.

CC Thank you.

CDR Okay.

CC And Skylab we're going LOS here and we'll
see you tomorrow morning I guess.

CDR Okay, night night.

PLT Good night.

CC What's this about PJ sleeping in a separate
spot?

CDR Every night at 03:00 he disappears through
the hatch and we don't see him again until 11:00 the next
morning.

CC The spooks may say something very bad or
very good about that.

CDR That's up to the spooks not us.

CC (Laughter)

PLT He goes to an empty house in Arcom,
Massachusetts.

PAO On that note of levity the Skylab crew got
a good night ending their 16th mission day on this flight.
Earlier this evening Dr. Charles Ross had a medical conversa-
tion with the crew and he reported the following information:
"The Skylab crew remains in good condition and have no com-
plaints. The Commander reported no subjective problems during
the lower body negative pressure experiment. He had no dif-
ficulty performing the high workload of the bicycle ergometer
experiment. To date, no problem with motion sickness has
been reported during the human vestibular function experiment."
That's the end of Dr. Charles E. Ross's daily medical bulletin.
In essence, the crew appears to be well. They've had a busy
day today. They will rise tomorrow on mission day 17 facing

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another busy day, including an Earth Resources pass and the usual medical exam - experiments, together with some Apollo telescope mount experiments. At two hours 28 minutes Greenwich mean time, this is Skylab Control.

END OF TAPE

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PAO Skylab Control at 3 hours 19 minutes Greenwich mean time. At this time, we'd like to play back some unexpected commentary from the Skylab astronauts at their last pass at Canary Island station. And this has been recorded for you and it will be played back now. This was an unexpected pass after the normal go to bed time. Here in the air to ground.

CDR Hello, Houston, are you there?

CC Go ahead, Pete.

CC Go ahead, Pete. We're standing by.

CDR I was just giving a tremendous dissertation about an engineering change on B channel when you came along and dumped the tape recorder on me and busted my continuity. Shame on you.

CC We're sorry, Pete.

CDR It's okay.

CC We thought you were in bed.

CDR Well, we were just putting in that lovely list of changes that you sent to us, and answering that lovely list of questions that you sent to us, and we were just finishing up putting it on B channel.

CC I sympathize with you. I'm having trouble enough just writing changes in checklist down here.

CDR Yeah, but there is 5 or 600 of you guys versus 3 of us and you win every time.

CDR That was what I was sympathizing with you about Pete.

CC Pete, we're waiting til about 3:00 in the morning in the future to dump it and some other such thing.

CDR No, that's okay. I happened to be giving a particular good one on a engineering change we just made up here on the spacecraft. And I was doing it in a rather impatient manner when the tape recorder was abruptly taken away from me.

CC Pete, I'm sure you'll have time to polish it up in the ever finer form before you get a chance to go at it again.

CDR Okay.

CC Pete, you're going to get the recorder back in about 3 minutes. Seriously, as a matter of fact (garble) should we stay off the tape recorder for a while after we normally go LOS here at night?

CDR No. I tell you what though, why don't you when you give us our last call of the evening, tell us the next station because we probably won't be up more than one station, you know, and we'll know you're going to dump and we won't be using it at that time if we're just polishing

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off the evening.

CC

Wilco.

CDR

Thank you, sir.

CC

Thank you, sir.

PAO

That's the conclusion of the air to

ground. This is Skylab Control at 22 minutes after the hour.

END OF TAPE